

USSR/Physical Chemistry - Thermodynamics. Thermochemistry. Equilibrium.
Physicochemical Analysis. Phase Transitions, B-8

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61035

Abstract: temperature in pure liquids as well as in all the investigated mixtures, whereas the classical theory which does not take into account the volumetric viscosity η' leads to the inverse temperature dependence. In all instances the determined α/ν^2 values exceed those calculated in accordance with the classical theory. Nature of change in (α/ν^2) (experimental) and (α/ν^2) (theoretical) with concentration is not the same. The observations are in good agreement with calculated absorptions (deviations do not exceed 6-8%) in accordance with the relaxation theory (Pinkerton, J. M., Proc. Phys. Soc., 1949, B-62, 126-141). In the region of low temperatures agreement between theory and experiment is somewhat better than in the region of high temperatures. On the basis of data on sound absorption there have been calculated the values of the coefficient of volumetric viscosity η' . According to experimental data η' changes with temperature the same as α . Dependencies of η and η' upon concentration are different. There is presented a short review of investigations of the absorption of US in liquid binary mixtures.

Card 2/2

CH Relation between the propagation velocity of the sound waves and the temperature and concentration in mixtures of normal organic liquids. N. A. Dmirisva (Moscow, Berkeval Porosov, DSC, ZAV, FIS, AAS, 1972-4(1953)). The measurements were made by an optical method, based on light diffraction on the ultrasonic grating in a liquid. The arrangement permitted ultrasound-velocity measurements with an error of 1-2% at -70 to $+100^\circ$. When the pure components of the mixts. follow the law of corresponding states, their mixts. do also. In all other cases, when either one or both components deviate from the law of corresponding states, so do the mixts. In these cases anomalies are met in the relation between the sound velocity and the adiabatic compressibility with the compn.

W. M. Sternberg

2006

Sound
FM
J20

DMITRIYEVA, N. A.

GORYACHKO, G. V., DMITRIYEVA, N. A. and LARIONOV, N. I.

"Acceleration of the Dyeing of Synthetic Fibers."

report presented at the 6th Sci. Conference on the Application of Ultrasound
in the investigation of Matter, 3-7 Feb 1958, organized by Min. of Education
RSFSR and Moscow Oblast Pedagogic Inst. im N. K. Krupskaya.

5.4120
24.7700

65964

SOV/58-59-4-9090

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 4, p 245 (USSR)

AUTHORS: Larionov, N.I., Dmitriyeva, N.A., Goryachko, G.V.

TITLE: Study of the Physical and Chemical Properties of Aqueous Solutions of Dimethylformamide by the Ultrasonic and Other Methods in the 20° to 90°C Range

PERIODICAL: V sb.: Primeneniye ul'traakust. k issled. veshchestva, Nr 7, Moscow, 1958, pp 75 - 90

ABSTRACT: The authors submit the results of measuring the velocity of propagation and the molar velocity of ultrasonic waves, as well as the density, adiabatic compressibility, viscosity, surface tension, and refractive index in aqueous solutions of dimethylformamide (D) at concentrations ranging from 0% to 100% (at 10% intervals) and at various temperatures. The data are presented in the form of tables and curves. At 20°C the ultrasonic velocity passes through a maximum at a concentration of 50 wt %, the density up to a concentration of 60 wt.% is close to that of pure water, the adiabatic compressibility of D solutions passes through a minimum at a concentration of 50 wt.%, the viscosity shows

Card 1/2

65964

SOV/58-59-4-9090

Study of the Physical and Chemical Properties of Aqueous Solutions of Dimethylformamide by the Ultrasonic and Other Methods in the 20° to 90°C Range

a well-defined maximum at a concentration of 60 wt.%, the refractive index rises monotonously with the concentration, and the surface tension drops monotonously. The molar velocity of sound in aqueous solutions of D increases with an increase in the temperature and concentration. (Kalininskiy ped. in-t).

A.A. Senkevich

Card 2/2

SOV/58-59-5-11512

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 5, p 228 (USSR)

AUTHORS: Goryachko, G.V., Dmitriyeva, N.A., Larionov, N.I.

TITLE: Use of Ultrasonic Waves to Dye Polyacrylonitrile "Nitron" Fiber

PERIODICAL: V sb.: Primeneniye ul'traakust. k issled. veshchestva. Nr 7, Moscow, 1958, pp 161 - 167

ABSTRACT: The authors report on the results of using ultrasonic waves (US) to dye polyacrylonitrile "nitron" fiber. It was established that the dry fiber is rapidly and permanently dyed with the aid of the dispersed dyes for acetate silk by a method involving the combined use of US and accelerants. The preliminary dispersing of the dye by means of US tells favorably on the dyeing rate and the utilization of the dye; in this connection it is more advantageous to use lower frequencies. Using US in conjunction with an accelerant (aniline) cuts the dyeing time in half as compared with the case of using the accelerant alone. The emulsions prepared under the influence of US yield better results. (Kalininskiy ped. in-t, USSR).

Card 1/1

A.A. Senkevich

GELLER, B.E.; GORYACHKO, G.V.; DMITRIYEVA, N.A.; LARIONOV, N.I.

~~SECRET~~
Destruction of polyacrylonitrile by the action of an ultrasonic field. Vysokom.sped. 1 no.11:1610-1616 N '59. (MIRA 13:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna i Kalininskiy pedagogicheskiy institut.
(Acrylonitrile) (Ultrasonic waves)

DMITRIYEVA, N.A.

SOV/5644

PHASE I BOOK EXPLOITATION

Vserossiyskaya konferentsiya professorov i prepodavateley pedagogicheskikh institutov

Primeneniye ul' traakustiki k issledovaniyu veshchestva. vyp. 10. (Utilization of Ultrasonics for the Investigation of Materials. no. 10) Moscow, Izd-vo MOPI, 1960. 321 p. 1000 copies printed.

Eds.: V. F. Nozdrev, Professor, and B. B. Kudryavtsev, Professor.

PURPOSE: This book is intended for physicists and engineers interested in ultrasonic engineering.

COVERAGE: The collection of articles reviews present-day research in the application of ultrasound in medicine, chemistry, physics, metallurgy, ceramics, petroleum and mining engineering, defectoscopy, and other fields. No personalities are mentioned. References accompany individual articles.

15-8530

26254

S/194/61/000/001/021/038
D216/D304

AUTHORS: Larionov, N.I., Goryachko, G.V., Dmitriyeva, N.A.
and Geller, B.E.

TITLE: Analysis of the high polymer degradation process
under the influence of an ultrasonic field

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 1, 1961, 15, abstract 1 E131 (V Sb. Primeneniye
ul'traakust. k issled. veshchestva, no. 10, M.,
1960, 23-32)

TEXT: The results are given of experimental analysis of the pro-
cess of degradation of polyacrylonitrile (ПАА (PAN)) and of other
forms of polymers (e.g. acetvi cellulose АЦ - (ATs) in the solution
of dimethylformamide ДМФ (DMF)) under the action of a powerful
ultrasonic field as a function of frequency and power for concentra-
tions up to 5 g/l. It is shown that under the action of a field
intensity up to 20 W/cm² and frequency 500 Kc/s, the molecules of

Card 1/2

Analysis of the high polymer...

26234
S/194/61/000/001/021/038
D216/D304

PAN are degraded while those of acetylcellulose remain unchanged. This fact is explained by the strength of chemical bonds within the polymer structure between the polymer molecule and the side-groups. The kinetics of the degradation process of PAN have been studied. It is shown that the depolymerization process follows the 1st order reaction and that long chain molecules are degraded first. The results are shown in the form of graphs. 22 references.

Card 2/2

DMITRIYEVA, N.A.

MONASTIRSKIY, V.N., AVIALIANI, T.K., DMITRIYEVA, N.A.

Methoden zur Gewinnung von Komponenten mit alkalischen
Überschub, ihre Eigenschaften und die Gewinnung von Zusätzen, die
mehrere Komponenten enthalten.

Report to be submitted for the Symposium on Lubricants and
Lubrication, Dresden, 27-30 June 1961

L 32991-66 EWF(m)/EWF(j)/T IJP(c) RM

ACC NR: AR6016271

SOURCE CODE: UR/0058/65/000/011/H063/H063

AUTHOR: Koshkin, N. I.; Gorbunov, M. A.; Dmitriyeva, N. A. 57

TITLE: Investigation of acoustic properties of polymers by a pulse method X

SOURCE: Ref. zh. Fizika, Abs. 11Zh435

REF SOURCE: Sb. Primeneniye ul'traakust. k issled. veshchestva. Vyp. 20, M., 1964, 47-53

TOPIC TAGS: ultrasound absorption, acoustic speed, epoxy plastic, rubber, butyl rubber, acoustic measurement, thermostat, *ACOUSTIC. PROPERTY*

ABSTRACT: The speed and absorption of ultrasound were measured at frequencies 500 kcs - 10 Mcs in the following polymer materials: polybutylmethacrylate, compounds based on epoxy resin or the product of copolymerization of butylmethacrylate with dimethylacrylate-triethylene glycol, and ~~an~~ temperature range -60 - +60C. A block diagram of the pulse apparatus is given. The speed measurement was based on the relative displacement of the first half-wave on the oscilloscope screen for two samples made of the same material but having different lengths. In determining the absorption, the amplitudes of the first half-wave were compared after passage through samples of different lengths of the given material. The method of multiple reflections was also used. A schematic diagram of the measuring chamber is presented. The entire system was immersed in a Dewar vessel filled with a liquid which did not react with the investigated polymer. To obtain low temperatures, refrigerating apparatus was used in

Card 1/2

L 32991-66

ACC NR: AR6016271

conjunction with an ultrathermostat of the "Vobzer" type (accuracy 0.05°C). Curves showing the dependence of α and of the ultrasound velocity on the temperature at 830 and 980 kcs and at 2 Mcs were obtained. The temperature at which the temperature coefficients of the velocity change, exhibit no reciprocal proportionality to the temperature within the limits of experimental accuracy (1%) in the interval 800 kcs - 2 Mcs. The ultrasound speed in rubber decreases rapidly in the interval -40 - 10°C, while the absorption in the region -30 - 20°C passes through a maximum (transition from the highly-elastic into the glass-like state). At higher frequencies, the absorption maximum shifts toward lower temperatures. I. Nikolayeva. [Translation of abstract]

SUB CODE: 20

Cord

2/2

L 20632-66 EWT(m)/T DJ

ACC NR: AP6011220

(A)

SOURCE CODE: UR/0413/66/000/006/0057/0057

INVENTOR: Blagovidov, I. F.; Druzhinina, A. V.; Monastyrskiy, V. N.; Puchkov, N. G.;
Deryabin, A. A.; Borovaya, M. S.; Filippov, V. F.; Avaliani, T. K.; Zaslavskiy, Yu. S.;
Tarmanyan, G. S.; Shor, G. I.; Dmitriyeva, N. A.; Belyanchikov, G. P.; Kuliyev, A. M.;
Suleymanova, F. G.; Zaynalova, G. A.; Sadykhov, K. I.

ORG: none

TITLE: Preparative method for motor oils. Class 23, No. 179868

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 57

TOPIC TAGS: lubricating oil, lubricant additive

ABSTRACT: An Author Certificate has been issued for a preparative method for motor oils, involving the introduction of additives. To impart the required service properties, the additives used are an alkylphenol-formaldehyde condensation product (3—15%), a sulfonate additive (1—6%), an additive based on xanthates or dithiophosphates (0.5—1%), and an organosilicon additive (0.003—0.005%) [the additives are no further identified in the source].

[SM]

SUB CODE: 11/ SUBM DATE: 02Aug62/ ATD PRESS: 4225

Cord 1/1

UDC: 665.521.5002.237

L 42566-65 EWT(m)/ENP(j)/T IJP(c) WW/JND/HM

ACC NR: AR6024996

SOURCE CODE: UR/0081/66/000/007/S010/S010

AUTHOR: Koshkin, N. I.; Gorbunov, M. A.; Dmitriyeva, N. A. 53

TITLE: Study of the acoustic properties⁵ of polymers by the pulse method B

SOURCE: Ref. zh. Khimiya, Part II, Abs. 7865

REF SOURCE: Sb. Primeneniye ul'traakust. k issled. veshchestva. Vyp. 20. M., 1964, 47-53

TOPIC TAGS: ultrasound absorption, ultrasonic velocity, rubber, acoustic property

ABSTRACT: The pulse method was used to study the velocity V and absorption α of ultrasound in polymeric materials: polybutyl methacrylate, compounds prepared from ED-51, epoxy resin, compounds based on the product of copolymerization of butyl methacrylate with triethylene glycol dimethacrylate, and resins based on BK, SKN, and NK. In the range of -60 to $+60^\circ$. A block diagram of the device employed is given. The temperature dependences of α and V at frequencies of 830, 980, and 2 Mc were obtained. It was found that the velocity of the ultrasound in the rubbers decreases markedly in the range of -40 to $+10^\circ$, and the absorption in the range of -30 to 20° passes through a maximum (transition from a high-elastic to a vitreous state). At higher frequencies, the absorption maximum shifts toward lower temperatures. N. Nikolayeva. [Translation of abstract]

SUB CODE: 11,20

Card 1/1 20

L 12887-63

EWB(q)/ENT(m)/BDS AFFIC/ASD JD/HW-2/JG

ACCESSION NR: AJ 3001953

S/0226/63/000/003/0052/0062

AUTHOR: Fedorchenko, I. M.; Filatova, N. A.; Dmitriyeva, N. A.; Sleptsova, N. P

TITLE: Manufacture and properties of sintered filters

SOURCE: Poroshkovaya metallurgiya, no. 3, 1963, 52-62

TOPIC TAGS: sintered filter, spherical metallic powder, inert filler, Fe, Ni, Cu, bronze, phosphorus, strength, permeability, porosity particle size

ABSTRACT: The authors investigated the method of producing sintered filters by melting metallic powder mixed with an inert filler. This mixture was heated to 373-423K above the melting temperature of the metal. Spherical powders of iron, nickel, copper and bronze were prepared by this method. Carbon black was used as a filler in processing iron powder; calcium carbonate was used with nickel powder. The best temperature for melting nickel was 1823K; for bronze, 1223K; and for copper, 1473K. Activated sintering improves the strength of products and preserves their permeability. The strength of the filters was also increased by adding ammonium phosphate, cuprous chloride and tin to the metallic powders, and became much higher than that of filters made of paper, carton, or fabric. Permeability and filtration ability of sintered filters are

Cord 1/2

L 12887-63

ACCESSION NR:AP3001953

determined by the shape and size of the particles from which the filters are made. Filters with 35-40% porosity are most effective. The change of particle size from 45 to 250-450 Microns raises the permeability up to 10 times. The described method for obtaining spherical powders is recommended as equal to the method of metal pulverization. Sintered filters of various permeabilities, particle sizes, porosities, and thicknesses may be selected for different working requirements. Orig. art. has: 13 figures and 1 table.

ASSOCIATION: Institut metallokeramiki i spetsial'nykh splavov AN USSR (Institute of Metal-Ceramics and Special Alloys, Academy of Sciences AN UkrSSR)

SUBMITTED: 11Sep62

DATE ACQ: 11Jul63

ENCL: 00

SUB CODE: ML

NO REF SOV: 007

OTHER: 003

Cord

2/2

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
DMITRIYEVA, N. A.																			
Processes and Properties Index																			
co 15 Influence of sodium chloride on crop yields in relation to standards of potassium fertilization. S. P. Molchanov and N. A. Dmitriyeva. <i>Chimisation Socialiste Agr.</i> (U. S. S. R.) 1986, No. 11, 5-20.—Yield (in sand cultures) and chem. data (analyses of plant ash constituents: K, Na, Ca, Cl, N and P) on flax and carrots which received NaCl as a substitute for KCl show: (1) The max. yield of these plants was obtained when 1/3 of the KCl was substituted by an equiv. quantity of NaCl. (2) When NaCl was used, the increased yield of carrots did not change the percentage of sugar. (3) The flax analyses show that with NaCl the plants utilized K, N and Ca more efficiently. Carrot plants utilized the Ca more efficiently and the tops accumulated more Cl. J. S. Joffe																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
SEARCHED										SERIALIZED									
INDEXED										FILED									

DMITRIYEVA, N. A.

Dissertation: "Effect of Various Forms of Potassium Fertilizers on the Yield and Quality of Agricultural Crops." Cand Agr Sci, ALL-Union Sci Res Inst of Fertilizers, Agricultural Engineering and Soil Science, Moscow, 1953. (Referativnyy Zhurnal--Khimiya, Moscow, No 4, Feb '54)

SO: SUM 243, 19 Oct 54

USSR / Cultivated Plants. Grains.

M-2

Abs Jour: Ref Zhur-Biol., No 6, 1958, 24953

Author : Mosolov, I. V., ~~Dmitriyeva~~, N. A., Skvortsov, V. F.
Inst : The All-Union S.R.I. of ~~Fertilizers~~ and Agricultural
Soil Science
Title : The Effect of Various Forms of Nitrogen Fertilizers
on the Winter Wheat Yield in Relation to Application
Time

Orig Pub: Byul. nauchn.-tekhn. inform. Vses. n.-1. in-t
udob. i agropochvoved., 1956, No 2, 32-33

Abstract: No abstract.

Card 1/1

21

M-2

USSR / Cultivated Plants. Grains.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 24952

Author : Mosolov, I. V., Dmitriyeva, N. A., Skvortsov, V. F.
Inst : The All-Union Inst. of Fertilizers, Soil Science,
and Agricultural Engineering
Title : The Effect of Various Forms of Nitrogen Fertilizers
on the Winter Wheat Yield

Orig Pub: Udobreniye i urozhay, 1956, No 10, 42-43

Abstract: The laboratory of Plant Nutrition of the All-Union
Institute of Fertilizers, Soil Science, and Agri-
cultural Engineering experimented on the effect of
various forms of nitrogen in spring and autumn
side-dressings. The soil was heavy loam, subjected
to average cultivation, its pH was 4.6, the hydro-
lytic acidity 3.85 milliequivalents per 100 grams
of soil. In the 1954 tests with a damp fall the

Card 1/2

20

USSR / Cultivated Plants, Grains.

M-2

Abs Jour: Ref Zhur-Biol., No 6, 1958, 24952

Abstract: largest yield boost, when winter wheat was side-dressed in autumn, was gotten from Na. In the 1955 test under dry autumn conditions the nitrogen fertilizers, regardless of their form, brought in equally good increases in the harvest. Spring side-dressing was more effective than the fall dressing. The largest yield boost was obtained from calcium ammonium nitrate. The presence of calcium improved the plant up-take of ammonium nitrate. The combination of calcium with nitrate nitrogen does not give the same effect, inasmuch as the latter is easily washed away. -- V. D. Astaf'yeva

Card 2/2

USSR / Soil Science. Physical and Chemical Properties of Soils. J-2

Abs Jour : Ref Zhur - Biologiya, No 16, 1958, No. 72646

Author : Dmitriyeva, N. A.

Inst : Not given

Title : Influence on Agrochemical and Physical-Chemical Properties of Soil of Various Forms of Potassium Fertilizers with Their Systematic Use

Orig Pub : Byul. nauchno-tekhn. inform. Vses. n.-i. in-t udokhr. i agropochvoved., 1957, No 3, 28-33

Abstract : An experiment was set up on the turf-podzolic soils of the Central Agricultural Experimental Station of the AIFA All-Union Scientific-Research Institute of Fertilizers and Agricultural Soil Science in Barybino in the autumn of 1936. For the period up to 1956, 630 N, 847 P₂O₅, 787 K₂O were applied on the experimental plots (in kg of actual sources per 1 ha). Analysis of soil samples from fertilized

Card 1/2

USSR / Soil Science. Physical and Chemical Properties of Soils. J-2

Abs Jour : Ref Zhur - Biologiya, No 16, 1958, No. 72646

and nonfertilized plots showed that the application of potassium fertilizers does not negatively influence the aggregate composition of the soil, but markedly increases the content in the soil of active phosphoric acid and exchange K. The pH value of the water and salt extract and the hydrolytic acidity of the soil did not change; the content of the active Al decreased somewhat. -- T. D. Morozova

Card 2/2

12

Country : USSR J
Category : Soil Science. Soil Genesis and Geography.
Abs. Jour.: Ref. Zhur.-Biologiya No. 11, 1958. No.48595
Author : Dmitriyeva, N.
Institute : ~~Not given~~
Title : A Brief Description of the Moldavian Kodr Soils

Orig. Pub.: Zemledeliye i zhivotnovodstvo Moldavii, 1957,
No. 9, 4-12
Abstract : Gray-brown and gray forest soils, chernozems,
bottomland meadow soils, bog soils, and solonchaks
are found in Kodr. There is a short examination
of the morphological and physicochemical proper-
ties of these soils, as well as of the possibility
of extending their agricultural utilization.

Card: 1/1

KAMINSKIY, N.A., kand.tekhn.nauk; ARUTYUNYAN, N.S., inzh.;
KALININ, A.I., inzh.; KOZDORA, A.A., inzh.;
DMITRIYEVA, N.A., inzh.; YUDINA, T.N., inzh.

Neutralization of fats and oils in an alkaline medium.
Masl.-zhir.prom. 28 no.7:13-14 JI '62. (MIRA 15:11)

1. Zaporozhskiy maslozhirovoy kombinat.
(Oils and fats)

DMITRIYEVA, N. A.

USSR / Chemistry - Organosilicon Compounds

11 jun 52

"The Reaction Between Hexaalkyldisiloxanes and Aluminum Halides. A New Synthesis for Trialkylhalogenosilanes," M.G. Vcronkov, B.N. Dolgov, N.A. Dmitriyeva, Leningrad State U imeni A.A. Zhdanov.

"Dok Ak Nauk SSSR" Vol LXXXIV, No 5, pp 959 - 961

The method consists of reacting hexaalkyldisiloxanes with aluminum halide (chloride, bromide or iodide). The trialkylhalogensilane is distilled off in a relatively pure form with a 75 - 90% yield. Alkyl-substituted polysiloxanes may also be used in this reaction. Presented by Acad I. V. Grebenshchikov 19 Jan 52

223T11

✓ Processing glycerol esters. R. I. Spivov, N. A. Kaminskii, N. A. Dmitrieva, and M. S. Pashchuk. *Mosk. khim. zhurn.* 23, No. 1, 83-7 (1957).—High-pressure static methods of hydrolysis of fats without the use of catalysts produce glycerol esters with fatty-acid contents up to 0.3% in the form of stable emulsions. Known as a method for the production of glycerol esters, the process consists of the following: a mixture of glycerol and fatty acids is heated to a temperature of 150–200°C. The mixture is then cooled, after which the fatty acids are separated off. The product is filtered and the residue is washed with water.

SOV/78-3-9-2/38

Preparation and Properties of Plutonium Halides. I. On Plutonium Chlorides

chloride at 70-100°C in the air, a compound is separated in which the ratio Pu : Cl is 2 : 3. In vacuum this compound separates water and oxygen. The possibilities of preparing plutonium-III-chloride by thermodynamical methods were discussed. In the chlorination of plutonium oxide in the presence of rubidium chloride a red-orange substance is formed. The adsorption spectrum of this compound indicates the presence of the Pu-IV-ion in solution. This experiment demonstrates that the preparation of complex chloride of tetravalent plutonium by the dry method is possible. There are 1 figure, 5 tables, and 12 references, 4 of which are Soviet.

SUBMITTED: April 11, 1958

Card 2/2

DMITRIYEVA, N.A.

Structure of tentacles in *Hereilinum murmanicum* (Pogonophora).
Vent. LGU 20 no.15:159-160 '65. (MIRA 18:9)

KAMINSKIY, N.A., kand.tekhn.nauk; ARUTYUNYAN, N.S., inzh.;
KALININ, A.I., inzh.; KOZDOBA, A.A., inzh.; DMITRIYEVA, H.A., inzh.
YUDINA, T.N., inzh.

Neutralization of fats and oils in an alkali in neutralization
chambers. Masl. - zhir. prom. 27 no.12:37-40 D '61.

(MIRA 14:12)

1. Zaporozhskiy maslozhirovoy kombinat.
(Oils and fats)

24

5(3)

AUTHORS: Shusherina, N.P., Levina, R.Ya., SOV/55-58-5-29/34
Dmitriyeva, N.D.

TITLE: δ -Lactones. XV. 5.6-Cycloalkanopyridones -2 (δ -laktony.
XV. 5,6-tsikloalkanopiridony -2)

PERIODICAL: Vestnik Moskovskogo universiteta, Seriya ~~matematiki~~, ~~mekhaniki~~,
~~astronomii~~, ~~fiziki~~, ~~khimii~~ , 1958,Nr 5,pp 191 - 192 (USSR)

ABSTRACT: From corresponding α -pyrones there were obtained 5.6-cyclo-
pentanopyridone -2 not described in the literature, and
5.6-cyclohexanopyridone -2 (5,6,7,8 - tetrahydroquinolone -2).
It was stated that 5.6-cyclohexano- α -pyrone cold or heated
with secondary amines does not react.
There are 4 references, 1 of which is Soviet, 1 American, and
2 are German.

ASSOCIATION: Kafedra organicheskoy khimii (Chair of Organic Chemistry)

SUBMITTED: December 31, 1957

Card 1/1

5(3)

SOV/20-126-3-36/69

AUTHORS: Shusherina, N. P., Levina, R. Ya., Dmitriyeva, N. D.

TITLE: δ -Lactones (δ -laktony). 3-Bromopyrones-2 (3-bromopyrony-2)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 3,
pp 589 - 590 (USSR)

ABSTRACT: As is known (Refs 1-4), the bromination of the pyrones-2 leads to a formation of 3-substituted pyrones. The authors produced a number of 3-bromopyrones-2 (not described in publications) from 5,6-dialkyl-pyrones-2 and from 5,6-cycloalcan-pyrones-2. They were synthesized by the method (Refs 5,6) previously developed by the authors. The yield amounted to 28-56%. 3-bromine-5,6-dimethylpyrone-2 (I), 3-bromine-5-ethyl-6-methylpyrone-2 (II), 3-bromine-5,6-cyclopentane-pyrone-2 (III) and 3-bromine-5,6-cyclohexane-pyrone-2 (IV) were produced. It was first found out that the 3-bromopyrones-2 - like the pyrones-2 themselves - easily undergo the reaction of the diene synthesis with the maleic acid anhydride. They form double adducts (V-VIII) with a 50-80% yield. These correspond to the addition of 2 molecules of maleic acid anhydride in the bromopyrone molecule (see Scheme). Table 1 shows the constants, yields and analytic

Card 1/2

6-Lactones. 3-Bromopyrones-2

SOV/20-126-3-36/69

results of the produced 3-bromopyrones-2 after a recrystallization from alcohol. Table 2 indicates the melting temperatures, yields and analyses of the adducts V-VIII of the 3-bromopyrones-2 with the maleic acid anhydride. There are 2 tables and 6 references, 2 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova
(Moscow State University imeni M. V. Lomonosov)

PRESENTED: February 18, 1959, by A. N. Nesmeyanov, Academician

SUBMITTED: February 14, 1959

Card 2/2

SHUSHERINA, N.P.; DMITRIYEVA, N.D.; KOZLOVA, T.F.; LEVINA, R.Ya.

δ -Lactones and δ -lactams. Part 22: Nitration of 5,6-disubstituted
2-prones. Zhur. ob. khim. 30 no.9:2829-2832 S '60. (MIRA 13:9)

1. Moskovskiy gosudarstvennyy universitet.
(Pyranone)

SHUSHERINA, N.P.; DMITRIYEVA, N.D.; LEVINA, R. Ya.

Chloromethylation of 2-pyrones. Zhur.ob.khim. 31 no.8:2794
Ag '61. (MIRA 14:8)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.
Lomonosova.

(Pyranone)

SHUSHERINA, N.P.; DMITRIYEVA, N.D.; LEVINA, R.Ya.

δ -Lactones and δ - lactams. Part 28: Dehydrobromination of
dibromides of isomeric benzotetrahydrocoumarins. Zhur. ob. khim.
32 no.1:213-216 Ja '62. (MIRA 15:2)

1. Moskovskiy gosudarstvennyy universitet.
(Coumarin) (Hydrobromic acid)

SHUSHERINA, N.P.; DIMITRIYEVA, N.D.; LEVINA, R.Ya.

δ -Lactones and δ -lactams. Chloromethylation of 2-pyrone. Dokl.

AN SSSR 146 no.5:1113-1116 0 '62.

(MIRA 15:10)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.

Predstavleno akademikom A.N.Nesmeyanovym.

(Pyranone)

(Chloromethylation)

SHUSHERINA, N.P.; DMITRIYEVA, N.D.; LUK'YANETS, Ye.A.; LEVINA, R.Ya.

Nitration and bromination of 6-phenyl-2-pyrone. Zhur.ob.khim.
33 no.10:3434-3435 0 '63. (MIRA 16:11)

1. Moskovskiy gosudarstvennyy universitet.

PEREL'SON, M.Ye.; SHEYNKER, Yu.N.; DMITRIYEVA, N.D.; LUK'YANETS, Ye.
A.; SHUSHERINA, N.P.; LEVINA, R.Ya.

Integrated intensities of $C\equiv O$ bands in the infrared spectra
of substituted α -pyrones. Izv. AN.SSSR.Ser.khim. no. 5:938-
941 My '64. (MIRA 17:6)

1. Institut khimii prirodnikh soedineniy AN SSSR i Moskovskiy
gosudarstvennyy universitet im. M.V.Lomonosova.

DMITRIYEVA, N.D.; SHIL'NIKOVA, A.G.; SHUSHERINA, N.P.; LEVINA, R.Ya.

δ -lactones and γ -lactams. Part 40: Position of the substituent entering an α -pyrone ring during electrophilic substitution reactions. Zhur. ob. khim. 34 no.9:2835-2836 S '64.

(MIRA 17:11)

1. Moskovskiy gosudarstvennyy universitet.

SHESHBERINA, D.P.; DMITRIYEVA, N.D.; SHIL'NIKOVA, A.G.; LEVINA, A.Ya.

2-Pyrone-3-sulfonic acids. Zhur. ob. khim. 34 no.9:3128 3 '64.
(MIRA 17:11)

1, Moskovskiy gosudarstvennyy universitet.

SHUSHERINA, N.P.; DMITRIYEVA, N.D.; SHIL'NIKOVA, A.G.; LEVINA, R.Ya.

δ -Lactones and δ -lactams. Sulfonation of 2-pyrones. Vest.
Mosk. un. Ser. 2: Khim. 19 no.6:60-62 N-D '64.

(MIRA 18:3)

1. Kafedra organicheskoy khimii Moskovskogo universiteta.

ACCESSION NR: AP4043219

S/0205/64/004/004/0632/0637

AUTHOR: Kakushkina, M. L.; Kudryashov, Yu. B.; Rachinskiy, F. Yu.;
Dmitriyeva, N. G.

TITLE: The use of radiomimetic (erythrocytic) models for studying
the potential radioprotectors of the thiazolidine group

SOURCE: Radiobiologiya, v. 4, no. 4, 1964, 632-637

TOPIC TAGS: radiation protection, radiomimetic model, thiazolidine,
oleinic acid, erythrocyte

ABSTRACT: Thiazolidine derivatives in 0.02-M concentrations were
selected as potential radioprotective agents. In each test, the
comparative effectiveness of mercamine on irradiated human erythro-
cytes was studied. Oxidized oleinic acid with standard toxicity was
employed as the radiomimetic agent. Preparation of the solutions
and their addition to the erythrocytes took place immediately before
the tests. It was determined that oleinic acid destroyed half the
erythrocytes in 1.5—2.0 minutes. The hemolytic activity of oleinic
acid was established after erythrocytes were washed in a potassium

Cord 1/2

ACCESSION NR: AP4043219

hydroxide bath (0.05 M) and a phosphate buffer (pH 7) was added. The effectiveness of potential radioprotectors was evaluated as a function of decreased hemolysis rate. The comparative ability of compounds to protect against the effects of oleinic acid was established by irradiating the erythrocytes with gamma rays from a GUT-Co-400 in 100—1000-kr doses. The criterion for erythrocyte damage under these conditions was the time it took to destroy half of them with respect to the controls. It was found that thiazolidine derivatives exerted a protective influence against the effects of gamma radiation and oleinic acid and that the mechanism of this influence depended upon the character of the radicals in the displacement of hydrogen atoms. The authors conclude that radiomimetic models can be employed for preliminary evaluation of aminothiole-type radioprotectors or those compounds which possess the ability to form aminothioles. Orig. art. has: 2 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 25Nov63

ATD PRESS: 3087

ENCL: 00

SUB CODE: LS,OC

NO REF SOV: 005

OTHER: 001

Card 2/2

DMITRIYEVA, N.G.

"Forecasting Maximal Spring Water Levels (for Example the Ural River)," Works of the Central Weather Institute, No 5, 1947.

DMITRIEVA, N. G.

RT-1013 (Calculation of snow-cover density using meteorological data) Raschet
plotnosti snezhnogo pokrova po meteorologicheskim dannym.
Meteorologiya i Gidrologiya. (2): 39-44, 1950.

DIMITRIYEVA, N. G.

PA 237T66

USSR/Geophysics - Snow Cover

Dec 52

"Some Problems in the Study of the Snow Cover of Mountains," Cand Geog Sci N. G. Dimitriyeva, Moscow Central Inst of Forecasting

"Meteorol i Gidrol" No 12, pp 36-39

Considers the organizational problems involved in the creation of special organizations to study the snow cover of mountains and level territory. Also suggests the calling of interdepartmental conferences to study snow cover and to discuss proposals for organization.

237T66

DETRAYEV, N. G.

"Review of A. A. Sekev's Book Gidrosrafiya SSSR (Vody Susha) (Hydrography of the USSR (waters of the Land)), Meteorol. i Gidrologiya, No 4, 1953, pp 34-35

Review of Gidrosrafiya SSSR (Vody Susha) published 1954 by the Hydromet Press, Leningrad; 471 pages. This book was reviewed also by M. I. L'vovich, in Izvestiya AN SSSR, Seriya geogr. No 5, 1953, pp 95-98. See also abstract 8380. (RZhGeol, No 6, 1955)
SO: Sum.No. 713, 9 Nov 55

DMITRIYEVA, N. G.

Subject : USSR/Meteorology

AID P - 2499

Card 1/1 Pub. 71-a - 9/26

Author : Dmitriyeva, N. G., Kand. Geogr. Sci.

Title : Determining flow gradients by data on water levels and discharge volume

Periodical : Met. i Gidro., 3, 36-40, My-Je 1955

Abstract : The author establishes the relation between the draft capacity and the water levels for a lengthy period and presents a theoretical computation of the flow gradient taking into consideration all pertinent factors, such as discharge volume at different seasons, precipitation, etc. This method was first used to gage certain Don River sections. One table, 2 diagrams.

Institution: None

Submitted : No date

DMITRIYEVA, N.G.

Forecasting the flowoff of mountain rivers; results and development.
prospects of the problem. Trudy TSIP no. 59:3-16 '57. (MIRA 11:4)
(Rivers) (Runoff)

DMITRIYEVA, N.G.

Determining the water supply in the bed and the discharge of the
river Amur. Trudy TSIP no.68:3-44 '58. (MIRA 11:10)
(Amur River--Hydrology)

3(4,7)

[illegible]

69
48
44
43
42
41
40

Vnedrochnyye fizikochemicheskiye svoystva, Izdatel'stvo, 1957.

Trudy... III Semyon Gubovskiy (transcription of the 3rd All-Union Party Conference, v. 3; Moscow: Izdatstvo TsK KPSS, 1967).
Leningrad, Gosstatizdat, 1968. 470 p. Russian printed.
2,000 copies printed.

Sponsoring agency: Glavnoye upravleniye gidrometeorologicheskoy sluzhby pri Sovete Ministrov SSSR.

Resp. Ed.: V.A. Uryvayev; Ed.: V.S. Protodopov; Tech. Ed.: N.I. Zarayina.

PURPOSES: This work is intended for meteorologists, hydrologists, and hydrophysicists, particularly those engaged in the study of snow and ice and evaporation processes.

CONTENTS. This book contains papers on hydrophysics which were presented and discussed at the Third All-Union Hydrological Conference in Leningrad, October 1957. The Conference published 10 volumes on various aspects of hydrology of which this is number 3. The editorial board in charge of the series included: O.A. Urtyayev (Chairman), O.A. Alekzin, Ye.V. Bliznyak (deceased), G.M. Korotkiy, N.A. Vainov, L.K. Davydov, A.P. Domanskitskiy, G.P. Ginzburg, S.M. Kravtsov, B.I. Kuselin, L.P. Mandala, M.K. Menkel', V.P. Orlov, I.V. Ponomarev, A.I. Chibrikov, D.L. Shkolovskiy, O.A. Shugart, A.I. Chibrikov, and S.K. Charkavskiy. This volume is divided into 2 sections: the first contains reports from the subsections intended for the study of evaporation processes, and the second contains reports from the snow and ice subsection. References accompany each article.

Krillova, T.V.
000 Leningrad

Vorontsov, P.A., [Candidate of Geographical Sciences, 000 Lenin-
Grad] Certain Characteristics of Meteorological Conditions on
the Surface of Water Bodies 42

Yakovleva, N.I. [Junior Scientific Worker, 000 Leningrad] The Effect of Water Surfaces on the Air Transformation

Милитсев, Н.О. [Candidate of Geographical Sciences, Tashkent State University] Infiltration Into Deep Beds in Relation to the Rate of Evaporation

stantinoy, A. P., and V. V. Pukharev (Candidates of Science).
 64

72

Jobyev, V.R. [Corresponding Member of the Azerbaijan Academy of Sciences, Doctor of Agricultural Sciences] Relation Between Soils and the Hydrological Conditions

MANOV, Y. V. [Candidate of Technical Sciences, 0025 Leningrad] Determining Evaporation by the Heat Balance Method

in, N. P. [Candidate of Geometeorology, Institute of Meteorological Sciences, 003 Leningrad]
Determining Evaporation by the Heat Balance Method Using the Data
Standard Meteorological Observations 92

in, M.P. [Candidate of Geographical Sciences, GGO Leningrad]
 Gradient Method for Determining Evaporation from the Ground
 its Application Within the Station Network

antinov, A.E. [Candidate of Physical and Mathematical Sciences, VNIIGOI Valday] Committee on the Application Within the Station Network 95

DMITRIYEVA, Nataliya Georgiyevna; LEVIN, A.G., otv.red.; PIOTROVICH, V.V.,
otv.red.; KORNILENKO, V.S., red.; ZARKH, I.M., tekhn.red.

[Elements of water economy and runoff forecast in the Amur Basin]
Elementy vlogooborota i prognoz stoka v Priamur'e. Moskva, Gidro-
meteor.izd-vo, 1960. 210 p. (MIRA 14:1)
(Amur Valley--Runoff)

VITVITSKIY, G.N.; KRAVCHENKO, D.V.; NIKOL'SKAYA, V.V.; CHICHAGOV, V.P.;
KURENTOV, A.I.; VOROB'YEV, D.P.; LIVEROVSKIY, Yu.A.; KARMANOV, I.N.;
PETROV, B.F.; KOLESNIKOV, B.P.; KABANOV, N.Ye.; DMITRIYEVA, N.G.;
RIKHTER, G.D., doktor geogr. nauk, otv. red.; LADYCHUK, L.P., red.
izd-va; DOROKHINA, I.N., tekhn. red.

[The Far East; its physical geography] Dal'nii Vostok; fiziko-
geograficheskaya kharakteristika. Moskva, 1961. 436 p.

(MIRA 14:9)

1. Akademiya nauk SSSR. Institut geografii. 2. Institut geografii
AN SSSR (for Vitvitskiy, Kravchenko, Nikol'skaya, Chichagov). 3. Dal'-
nevostochnyy filial AN SSSR (for Kurentsov, Vorob'yev). 4. Pochven-
nyy institut AN SSSR (for Liverovskiy, Karmanov, Petrov). 5. Biologi-
cheskiy institut Ural'skogo filiala AN SSSR (for Kolesnikov). 6. In-
stitut lesa AN SSSR (for Kabanov). 7. Tsentral'nyy institut prognozov
(for Dmitriyeva).

(Soviet Far East--Physical geography)

KAKUSHKINA, M.L.; KUDRYASHOV, Yu.B.; RACHINSKIY, F.Yu.; DMITRIYEVA, N.G.

Use of a radionuclenic (erythrocytic) model for the study of potential
radioprotective agents of the thiazolidine group. Radiobiologia 4
no.4:632-637 '64. (MIRA 17:11)

DMITRIYEVA, N. I.

58/49T34

USSR/Chemistry - Manganese
Metals - Alloys

May 49

"Potentiometric Determination of Manganese in
Nonferrous Alloys," A. I. Busev, N. I.
Dimitriyeva, Far Eastern Polytech Inst, 3 pp

"Zavod Lab" Vol XV, No 5

Applies a method previously used to determine
manganese in ferrous alloys and manganese
ores (A. I. Busev, "Zavodskaya Laboratoriya,"
Vol XIV, No 10, 1948 [See 28/49T15]). Results
obtained were as exact for nonferrous metals
as for ferrous metals.

58/49T34

Dmitrieva, N.I.

S

Analysis

Potentiometric Determination of Manganese in Ferro-
Vanadium and Vanadium-Rich Steels. A. I. Buser and N. I.
Dmitrieva. (Zavodskaya Laboratoriya, 1950, No. 1, 29-31).
[In Russian]. An analytical method is described for pre-
paring materials containing over 0.3% of vanadium for the
potentiometric determination of manganese. Manganese is
precipitated as the dioxide from a solution of approx. 1 g.
of sample. The precipitate is dissolved, and non-compen-
sated potentiometric titration is carried out after the addi-
tion of sodium pyrophosphate and the careful establishment
of the appropriate pH. Typical results are given, and these
agree well with those of other methods.—S. K.

DMITRIYEVA, N.I.

Myelination of the central auditory path in postnatal ontogeny
in rabbits. Zhur. evol. biokhim. i fiziol. 1 no.5:459-465
S-O '65. (MIRA 18:10)

1. Laboratoriya sravnitel'nogo ontogeneza vysshey nervnoy
deyatelnosti Instituta fiziologii imeni Pavlova AN SSSR,
Leningrad.

LEVITSKIY, Vladimir Nikolayevich; MIRKIN, Moisey Samuilovich; DMITRIYEVA, Nataliya Ivanovna; TYUMENEVA, S.T., red.; FOMICHEV, A.G., red. izd-va; BELOGUROVA, I.A., tekhn.red.

[Using autocollimator and prism in determining kinematic errors of the dividing chain of slot-milling machines] Opredeleñie kinematicheskikh pogreshnostei delitel'noi tsepi pazofrezernykh stankov s pomoshch'iu avtokollimatora i prizmy. Leningrad, 1961. 22 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriya: Kontrol' kachestva produktsii, no.4)

(MIRA 14:7)

(Milling machines—Testing)

(Optical instruments)

1. DMITRIYEVA, N. I.
2. USSR (600)
4. Malarial Fever
7. Secretion of salivary glands in malaria in children. Vop. pediat. i okhr. mat. i det. 20 no. 5, '52.
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

DMITRIYEVA, N.I.

On the differential growth of the brain in the postnatal ontogenesis
in dogs. Dokl. AN SSSR 148 no.1:235-237 Ja '63. (MIRA 16:2)

1. Institut fiziologii im. I.P. Pavlova AN SSSR. Predstavleno
akademikom V.N. Chernigovskim.
(BRAIN)

DMITRIYEVA, N.I.

Trilonometric determination of copper in the mastic dye IAN-7A.
Soob. DVFAN SSSR no.18:53-55 '63. (MIRA 17:11)

1. Ordena Lenina dal'nevostochnogo zavoda Primorskogo soveta narod-
nogo khozyaystva.

DMITRIYEVA, N.I.

Age-related changes in weight and size of the brain in postnatal ontogenesis in dogs and rabbits. Arkh. anat., gist. 1 embr. 48 no.6:63-69
Je '65. (MIRA 18:7)

1. Laboratoriya sravnitel'nogo ontogeneza vysshay nervnoy deyatel'nosti
(zav. - doktor biolog. nauk G.A.Obratsova) Instituta fiziologii imeni
Pavlova, Leningrad.

BAYMAKOV, A.Yu.; VERNER, B.F.; LARIKOVA, M.G.; DMITRIYEVA, N.K.

Refining tin from admixtures by the method of zonal smelting.

TSvet. met. 29 no.8:51-58 Ag '56.

(MLRA 9:10)

(Tin--Metallurgy)

COMMON ELEMENTS		PROCESSES AND PROPERTIES INDEX		COMMON ELEMENTS	
Effects of folinerin on diuresis. N. M. Dzhurina (Khar'kov Med. Inst.). <i>Farmakol. i Toksikol.</i> 9, No. 1, 42-7 (1940).—Folinerin (oleander leaf glycoside), a cardio- vascular drug, increases diuresis in healthy mice and dogs. The max. diuretic effect is given by doses at or below the threshold of cardiovascular action; larger doses tend to decrease the rate of urine formation. Thus, doses of 0.005 and 0.01 mg./kg. were diuretic in mice, whereas 0.02 mg./kg. had the opposite effect. Julian F. Smith					
ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION					
COMMON ELEMENTS		COMMON ELEMENTS		COMMON ELEMENTS	
COMMON ELEMENTS		COMMON ELEMENTS		COMMON ELEMENTS	

DMITRIYEVA, N.M.

Brief survey of the history of sanatoria for children in USSR.
Pediatria, Moskva no. 4:41-48 July-Aug. 1952. (CML 22:5)

1. Administration of Therapeutic-Prophylactic Aid to Children of
the Ministry of Public Health USSR.

DMITRIYEVA, N. M.

Pediatric sanatoria. Med. sestra, No 9, 1952.

DMITRIYEVA, N. M.,

"Development of Children's Sanatoriums in the USSR." (Dissertation for Degree of Candidate for Medical Sciences) Min Public Health USSR, Central Inst for Perfection of Doctors' Skills, Moscow, 1955

SO: M-1036 28 Mar 56

~~DMITRIYVA, W.M.~~

Review of the activities of the section on children's sanatoria
for the past 10 years (1944 to 1954). *Pediatrics* no.3:91-94
My-Je '55. (MLRA 8:10)
(CHILDREN— HOSPITALS AND ASYLUMS)

DMITRIYEVA, N-M

✓ Aleksandr Il'ich Cherkes. N. I. Luganskii, N. M. Dmitrieva, and M. I. Slast'ov. *Farmakol. i Toksikol.* 18, No. 5, 63-4 (1955).—Biography (C.'s 35th year of teaching pharmacology).
John H. Smith

DMITRIYEVA, N.M.

[Sanatoria and health resort aid to children] Sanatorno-kurortnaia
pomoshch' detyam. Moskva, Medgiz, 1956. 98 p. (MLRA 9:10)
(HEALTH RESORTS, WATERING PLACES, ETC.)
(CHILDREN--DISEASES)

DMITRIYEVA, N.M.

Sanatorial aid for children in the fourth and fifth five-year plans
and its tasks in the sixth five-year plan. *Pediatrics* 39 no.6:
78-83 N-D '56. (MLRA 10:2)

(SANATORIA,
pediatric in Russia (Rus))

DMITRIYEVA, Nina Mikhaylovna

[Children's sanatoriums are creations of the October Revolution]
Detskije sanatorii sozdanie Oktyabria. Moskva, Medgiz, 1957. 58 p.
(CHILDREN--HOSPITALS) (MIRA 11:4)

DMITRIYEVA, N.M. [Dmytriiyeva, N.M.], dots.

Some problems in the pharmacology of ganglion-blocking and neuro-
plegic substances. Ped., akush. i gin. 19 no.3:39-43 '57. (MIRA 13:1)

1. Kafedra farmakologii (zav. kafedroy - chlen-korrespondent AMN SSSR
prof. O.I. Cherkes) Kiyevskogo ordena Trudovogo Krasnogo Znameni me-
ditsinskogo instituta im. akad. A.A. Bogomol'tsa (direktor - dots.
I.P. Alekseyenko). (VASOMOTOR DRUGS)

DMITRIYEVA, Nina Mikhaylovna; LEBEDEV, Veronika Anatol'yevna

[Children's sanatoriums] Detskii sanatorii. Moskva, Medgiz,
1958. 203 p. (MIRA 12:3)

(CHILDREN--HOSPITALS)

DMITRIYEVA, N. M.

COUNTRY	:	USSR
CATEGORY	:	Pharmacology and Toxicology. Cardiovascular Agents
ABS. JOUR.	:	RZhBiol., No. 5 1959, No. 23166
AUTHOR	:	Dmitriyeva, N. M.; Krementulo, V. A.
INST.	:	
TITLE	:	Elimination and Cumulation of Cardiac Glycosides in Pharmacological Sleep
ORIG. PUB.	:	Fiziol. zh., 1958, 4, No 3, 381-387
ABSTRACT	:	Experiments were carried out on guinea pigs, cats and rabbits. Soporific drugs were administered twice daily during 3-5 days. Against the background of prolonged inhibition of the C.N.S., detoxication of the glycosides of digitalis is slowed down. During prolonged pharmacological sleep, the cumulative residue of strophanthin increases.-- From the authors' summary

Card: 1/1

DMITRIYEVA, N.M.

COUNTRY	: USSR	V
CATEGORY	: Pharmacology and Toxicology. Cardiovascular Agents	
ABE. JOUR.	: RZhBiol., No. 5 1959, No. 23165	
AUTHOR	: Dmitriyeva, N. M.	
INST.	: -	
TITLE	: Sensitivity of Animals to Cardiac Glycosides in Experimental Hypothermia	
ORIG. PUB.	: Farmakol. i toksikologiya, 1958, 21, No 4, 35-38	
ABSTRACT	: The sensitivity of the organism to cardiac glycosides increases in experimental hypothermia. The elimination of the glycosides of digitalis in a moderate degree of hypothermia in the organism of guinea pigs does not change, and in a marked degree of hypothermia it is slowed down. The cumulative residue of strophanthin in the organism of cats increases in hypothermia. In experimental hypothermia, the glycogen content in the myocardium of rats decreases, and under	
Card:	1/2	

COUNTRY :
CATEGORY :

ABG. JOUR. : RZhBiol., No. 5 1959, No. 23165

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT
cont'd

: these conditions therapeutic doses of strophan-
thin and erysimine do not restore the glycogen
content in the cardiac muscle.-- From the au-
thor's summary

Card:

2/2

Dmitrieva, N.M.

KARACHEVTSEVA, T.V., kand.med.nauk

"Sanatorium and resort therapy for children" by N.M.Dmitrieva.
Reviewed by T.V.Karachevtseva. Vop.kur.fizioter. i lech.fiz.kul't.
23 no.2:178-179 Mr-Ap '58. (MIRA 11:6)
(CHILDREN--HOSPITALS) (CLIMATOLOGY, MEDICAL)
(DMITRIEVA, N.M.)

DMITRIYEVA, N. M., Doc Med Sci -- (diss) "Characteristics of the pharmacodynamics of cardial glucosides under various original conditions of the organism. (Experimental research)." Khar'kov, 1960. 35 pp; (Khar'kov State Medical Inst); 200 copies; price not given; list of author's works at end of text (13 entries); (KL, 51-60, 120)

DMITRIYEVA, N.M.

Effect of strophanthin on phosphorus metabolism in the heart muscle of rats under conditions of different initial functional states of the organism. Fiziol. zhur. [Ukr.] 5 no.5:663-669 S-O '59 (MIRA 13:3)

1. Kiyevskiy meditsinskiy institut im. akad. A.A. Bogomol'tsa, kafedra farmakologii.

(STROPHANTHIN) (PHOSPHORUS METABOLISM)

(HEART-MUSCLE).

MIZINA, Antonina Fedorovna; SHTERENGERTS, Aleksandr Yefimovich; DMITRIYEVA,
N.M., red.; GABERLAND, M.I., tekhn. red.

[Experience in the treatment of children for the aftereffects of
poliomyelitis at a climatological and balneological health resort]
Opyt lecheniia detei s posledstviiami poliomiellita na klimatobal'neo-
logicheskoi kurorte. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960.
93 p. (MIRA 14:7)
(POLIOMYELITIS) (ODESSA--HEALTH RESORTS, WATERING PLACES, ETC.)

MOLCHANOV, Vasilii Ivanovich:[deceased]; DMITRIYEVA, N.M., red.; LYUD-
KOVSKAYA, N.I., tekhn.red.

[Diphtheria] Difteriia. Izd.2., ispr. i dop. Moskva, Gos.
izd-vo med.lit-ry Medgiz, 1960. 198 p.

(MIRA 1.4:5)

(DIPHTHERIA)

GRINBERG, Abram Isakovich; DMITRIYEVA, N.M., red.; POGOSKINA, M.V.,
tekhn. red.

[Helminthiasis in children] Gel'mintozy u detei. Moskva,
Medgiz, 1961. 182 p. (MIRA 15:2)
(WORMS, INTESTINAL AND PARASITIC)

DADASH'YAN, Margarita Arminakovna; DMITRIYEVA, N.M., red.; KUZ'MINA, N.S.,
tekhn. red.

[Prevention of infectious diseases and allergy in children] Pro-
filaktika infektsionnykh zabolevanii i allergii u detei. Moskva,
Medgiz, 1961. 248 p. (MIRA 15:1)
(COMMUNICABLE DISEASES--PREVENTION) (ALLERGY)

DOMBROVSKAYA, Yuliya Fominichna. Prinimali uchastiye: CHECHULIN , A.S.,
kand. med. nauk; DOMBROVSKIY, A.N., nauchnyy sotr.; ROGOV, A.A.,
nauchnyy sotr.; DMITRIYEVA, N.M., red.; MIRONOVA, A.M., tekhn.
red.

[Clinical aspects and pathogenesis of hypoxemia in the growing
body; clinical experimental observations] Klinika i patogenez
gipoksemii rastushchego organizma; kliniko-eksperimental'nye
nabliudeniia. Pri uchastii A.S.Chechulina, A.N.Dombrovskogo i
A.A.Rogova. Moskva, Medgiz, 1961. 254 p. (MIRA 15:4)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR
(for Dombrovskaya).

(ANOXEMIA)

KAPTELIN, Aleksey Fedorovich; DMITRIYEVA, N.M., red.; LYUDKOVSKAYA,
N.I., tekhn. red.

[Prevention of some deformations of the supporting motor apparatus in children] Profilaktika nekotorykh deformatsii oporno-dvigatel'nogo apparata u detei. Moskva, Medgiz, 1962. 118 p.
(MIRA 15:6)

(MUSCULOSKELETAL SYSTEM--DISEASES)

DMITRIYEVA, N.M. [Dmitrieva, N.M.]; RUBCHINSKAYA, K.I. [Rubchyns'ka, K.I.];
SVISHCHUK, A.A. [Svyshchuk, A.A.]

Comparative effect of synthetic and natural menthol. Farmatsev.
zhur. 17 no.3:53-57 '62. (MIRA 17:10)

1. Kafedra farmakologii Kiyevskogo meditsinskogo instituta i
Institut organicheskoy khimii AN UkrSSR.

NOVOSELOVA, Raisa Semenovna; DMITRIYEVA, N.M., red.; BUL'DYAYEV,
N.A., tekhn. red.

[The electrocardiogram in acute infectious diseases in children]
Elektrokardiogramma pri ostrykh infektsionnykh zabolevaniakh u
detei. Moskva, Medgiz, 1962. 179 p. (MIRA 15:4)
(ELECTROCARDIOGRAPHY) (CHILDREN—DISEASES)

KANAVETS, Lidiya Nikolayevna; DMITRIYEVA, N.M., red.; BUL'DYAYEV,
N.A., tekhn. red.

[Neuroses and their sanatorium-health resort treatment] Nev-
rozy i ikh sanatorno-kurortnoe lechenie. Moskva, Medgiz,
1962. 213 p. (MIRA 15:9)
(HEALTH RESORTS, WATERING-PLACES, ETC.)
(NEUROSES)

DMITRIYEVA, N.M.; RUBCHINSKAYA, K.I.

Effect of strophanthin on the activity of some enzymes of the
carbohydrate-phosphate metabolism of the myocardium. Farm.i toks.
24 no.6:719-723 N-D '61. (MIRA 15:11)

1. Kafedra farmakologii (zav. - deystvitel'nyy chlen AMN SSSR
prof. A.I.Cherkas) Kiyevskogo meditsinskogo instituta.
(ENZYMES) (STROPHANTHIN) (MYOCARDIUM)

CHEKHOVA, Anna Nikolayevna; DMITRIYEVA, N.M., red.; PRONINA, N.D.,
tekhn. red.

[Development of the schizophrenic process originating in
childhood] Techenie shizofrenicheskogo protsessa, nachav-
shegosia v detskom vozraste. Moskva, Medgiz, 1963. 135 p.
(MIRA 16:5)

(SCHIZOPHRENIA)

GALATSKAYA, S.Z., red.; KOLEGOVA, V.A., red.; DMITRIYEVA, N.M.,
red.; CHULKOV, I.F., tekhn. red.

[Organization of outpatient psychoneurological care for
children and adolescents] Opyt organizatsii vnebol'nichnoi
psikhonevrologicheskoi pomoshchi detiam i podrostkam. Mo-
skva, Medgiz, 1963. 191 p. (MIRA 16:5)

(CHILDREN--DISEASES) (NEUROSES) (PSYCHIATRIC CLINICS)

DMITRIYEVA, Nina Mikhaylovna, kand. tekhn.nauk; LYUDKOVSKAYA, N.,
tekhn. red.

[Treatment of children in the health resorts of the U.S.S.R.]
Lechenie detei na kurortakh SSSR. Moskva, Medgiz, 1963. 224 p.
(MIRA 16:8)

(CHILDREN—DISEASES)
(HEALTH RESORTS, WATERING PLACES, ETC.)

KOROTKINA, R.N.; DMITRIYEVA, N.M., red.; PARAMHINA, N.L., tekhn. red.

[Sanatorium treatment of osteoarticular tuberculosis in
children] Sanatornoe lechenie kostno-sustavnogo tuberkuleza u
detei. Moskva, Medgiz, 1963. 303 p. (MIRA 16:5)
(BONES--TUBERCULOSIS) (CHILDREN--DISEASES)
(JOINTS--TUBERCULOSIS)

DOMBROVSKAYA, Yuliya Fominichna, prof.; DMITRIYEVA, N.M., red.

[Vitamin deficiency in children] Vitaminnaia nedosta-
tochnost' u detei. Moskva, Medgiz, 1963. 311 p.

(MIRA 17:6)

1. Deystvitel'nyy chlen AMN SSSR (for Dombrovskaya).

AKULOVA, R.F.; BYKHOVSKIY, Z.Ye.[deceased]; VYGODNER, Ye.B.;
GOL'DFAYL', L.G.; DIK, V.G.; DMITRIYEVA, N.M.; DUEYNINA,
Ye.I.; LEVIN, B.S.; NEZLIN, S.Ye.; SPERANSKIY, N.I.;
SOROKINA, Ye.I.; TKACHENKO, A.F.; FREYDIN, Kh.M.;
CHETVERIKOV, N.S.; VUL'FSON, I.Z., red.; KOKIN, N.M., tekhn.
red.; FRONINA, N.D., tekhn. red.

[Manual for physicians on the selection of sanatoriums and
health resorts] Rukovodstvo dlia vrachei po sanatorno-
kurortnomu otboru. Pri uchastii R.F.Akulovoi i dr. 2 izd.,
dop. i ispr. Moskva, Medgiz, 1963. 511 p.

(SANATORIUMS)

(MIRA 16:12)

(HEALTH RESORTS, WATERING PLACES, ETC.)

CHERKES, A.I.; DMITRIYEVA, N.M.

Dependence of the pharmacodynamics of cardiac glycosides on the functional state of the organism. Uch.zap. Inst. farm. i khimioter. AMN SSSR 3:301-315'63. (MIRA 16:9)

1. Chair of Pharmacology of the Kiyev Medical Institute.
(CARDIAC GLYCOSIDES)

DMITRIYEVA, N.M., kand.med.nauk (Moskva)

Treatment of children in the health resorts of the U.S.S.R.
Med. gazeta 22. no.487-12 Ap '63. (MIRA 1617)
(HEALTH RESORTS, WATERING PLACES, ETC.)
(CHILDREN--DISEASES)